

Description of five New Species of the Genus UNIO.

BY ISAAC LEA.

UNIO SIAMENSIS.—Testa lævi, transversa, subcylindræa, ad basim emarginata, valde inæquilaterali, subcompressa, ad latere planulata, postice truncata, antice rotundata; valvulis tenuissimis, diaphinis; natibus prominulis; epidermide luteo-oliva; dentibus cardinalibus acicularis, sublongis, obliquis; lateralibus longis, lamellatis subrectisque; margarita alba et iridescente.

Hab.—Siam; C. M. Wheatley.

UNIO ASPERULUS.—Testa plicata, elliptica, inæquilaterali, postice subbiangulata, antice rotundata; valvulis subtenuibus; natibus subprominentibus, ad apices undulatis; epidermide viridi-oliva, obsolete radiata; dentibus cardinalibus lamellatis, parum obliquis, in dextro duplicibus; lateralibus sublongis, lamellatis subcurvisque; margarita cærulea et valde iridescente.

Hab.—Siam; Thomas R. Ingalls, M. D.

UNIO PILATUS.—Testa lævi, elliptica, valde inæquilaterali, postice obtuse angulata, antice rotundata; valvulis crassiusculis, antice crassioribus; natibus subprominentibus, ad apices minute undulatis; epidermide luteo viridi, micanti, obsolete radiata; dentibus cardinalibus duplicibus; lateralibus sublongis, subrectis lamellatisque; margarita alba et valde iridescente.

Hab.—Siam; Thomas R. Ingalls, M. D.

UNIO EVITATUS.—Testa lævi, elliptica, valde inæquilaterali, postice subbiangulata, antice rotundata; valvulis subtenuibus, antice parum crassioribus; natibus prominulis, ad apices divaricate undulatis; epidermide olivacea, obsolete radiata; dentibus cardinalibus parviusculis, compressis, in utroque valvulo duplicibus; lateralibus sublongis, subrectis lamellatisque; margarita alba et iridescente.

Hab.—Bengal; W. A. Haines.

UNIO STREBELII.—Testa lævi, oblonga, ad latere compressa, inæquilaterali, postice obtuse angulata; antice rotundata; valvulis subcrassis, antice aliquanto crassioribus; natibus prominulis; epidermide luteo-fusca, radiata; dentibus cardinalibus subcrassis, elevatis, crenulatis, in utroque valvulo duplicibus; lateralibus sublongis, subcrassis, subcurvatus corrugatisque; margarita vel purpurea vel salmonæa et valde iridescente.

Hab.—Vera Cruz, Mexico; G. Strebel.

Description of two New Species of the Genus LITHASIA.

BY ISAAC LEA.

LITHASIA CYLINDRICA.—Testa striata, cylindræa, flavescente, vittata vel evitata; spira subelevata; suturis irregulariter impressis; anfractibus constrictis, ultimo grandi; apertura subconstricta, rhomboidea; labro acuto, sinuoso; columella alba et valde sinuosa.

Hab.—Coosa river; E. R. Showalter, M. D.

LITHASIA WHEATLEYI.*—Testa lævi, subcylindræa, luteo-virente, vittata; spira elevata; suturis irregulariter impressis, anfractibus planulatis, ultimo subgrandi; apertura subconstricta, rhomboidea, intus vittata; labro acuto, sinuoso; columella alba et valde iridescente.

Hab.—Cahaba river, Alabama, E. R. Showalter, M. D.

* Named after Mr. C. M. Wheatley, to whom I am indebted for the possession of a specimen 1866.]